

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

PTO Form 1449

Page 1 of 4, dated February 27, 2007

Attorney Docket No.
045636-5083Serial No.
10/581,814Applicants
Patrice MARCHE, et al.Filing Date
June 5, 2006Group
Unassigned**U.S. PATENT DOCUMENTS**

| *Examiner Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
|-------------------|-----------------|------|------|-------|-----------|-------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Document Number | Date | Country | Class | Sub Class | Translation YES NO | |
|-----------------|------|---------|-------|-----------|-----------------------|--|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| 1. | ALLISON, T. J., et al.: "Structure of a Human $\gamma\delta$ T-Cell Antigen Receptor", Nature, vol 411, pp 820-824, 2001 |
| 2. | ARSTILA, T. P., et al.: "A Direct Estimate of the Human $\alpha\beta$ T Cell Receptor Diversity", Science, vol 286, pp 958-961, 1999 |
| 3. | BASSING, C.H., et al.: "The Mechanism and Regulation of Chromosomal V(D)J Recombination", Cell, vol 109, pp S45-S55, 2002 |
| 4. | BASSING, C. H., et al.: "Recombination Signal Sequences Restrict Chromosomal V(D)J Recombination Beyond the 12/23 Rule", Nature, vol 405, pp 583-586, 2000 |
| 5. | CABANIOLS, J. P., et al.: "Most α/β T Cell Receptor Diversity Is Due to Terminal Deoxynucleotidyl Transferase", Journal of Experimental Medicine, vol 194(9), pp 1385-1390, 2001 |
| 6. | CAPONE, M., et al.: "Kinetics of T Cell Receptor Beta, Gamma, and Delta Arrangements During Adult Thymic Development: T Cell Receptor Rearrangements Are Present in CD44+CD25+Pro-T Thymocytes", Proceedings of the National Academy of Sciences of the United States of America, vol 95, pp 12522-12527, 1998 |
| 7. | CASROUGE, A., et al.: "Size Estimate of the $\alpha\beta$ TCR Repertoire of Naive Mouse Splenocytes", The Journal of Immunology, vol 164, pp 5782-5787, 2000 |
| 8. | COWELL, L. G., et al.: "Prospective Estimation of Recombination Signal Efficiency and Identification of Functional Cryptic Signals in the Genome by Statistical Modeling", Journal of Experimental Medicine, vol 197(2), pp 207-220, 2003 |

| | | | |
|--|-------------------|-----------------|------------|
| Examiner | /Samuel Woolwine/ | Date Considered | 10/26/2009 |
| Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | |
|--|--------------------------------------|--------------------------|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449 Page 2 of 4, dated February 27, 2007 | Attorney Docket No. 045636-5083 | Serial No. 10/581,814 |
| | Applicants Patrice MARCHE, et al. | |
| | Filing Date June 5, 2006 | Group Unassigned |

U.S. PATENT DOCUMENTS

| *Examiner Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
|-------------------|-----------------|------|------|-------|-----------|-------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Sub Class | Translation | |
|--|-----------------|------|---------|-------|-----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|--|
| 9. | DAVODEAU, F., et al.: "The Tight Interallelic Positional Coincidence That Distinguishes T-Cell Receptor J α Usage Does Not Result From Homologous Chromosomal Pairing During V α J α Rearrangement", The EMBO Journal, vol 20(17), pp 4717-4729, 2001 |
| 10. | DIETRICH, P. Y., et al.: "Prevalent Role of TCR α -Chain in the Selection of the Preimmune Repertoire Specific for a Human Tumor-Associated Self-Antigen", Journal of Immunology, vol 170, pp 5103-5109, 2003 |
| 11. | FINK, P. J., et al.: "H-2 Antigens of the Thymus Determine Lymphocyte Specificity", Journal of Experimental Medicine, vol. 148, pp 766-775, 1978 |
| 12. | GALLAGHER, M., et al.: "Both TCR α and TCR δ Chain Diversity Are Regulated During Thymic Ontogeny", The Journal of Immunology, vol 167, pp 1447-1453, 2001 |
| 13. | HAMROUNI, A., et al.: "T Cell Receptor Gene Rearrangement Lineage Analysis Reveals Clues for the Origin of Highly Restricted Antigen-specific Repertoires", Journal of Experimental Medicine, vol 197(5), pp 601-614, 2003 |
| 14. | HENNECKE, J., et al.: "T Cell Receptor-MHC Interactions Up Close", Cell, vol. 104, pp 1-4, 2001 |
| 15. | HUANG, C. Y., et al.: "Ordered and Coordinated Rearrangement of the TCR α Locus: Role of Secondary Rearrangement in Thymic Selection", The Journal of Immunology, vol 166, pp 2597-2601, 2001 |
| 16. | KRANGEL, Michael S., "Gene Segment Selection in V(D)J Recombination: Accessibility and Beyond" Nature Immunology, vol 4(7), pp 624-630, 2003 |

| | | | |
|--|-------------------|-----------------|------------|
| Examiner | /Samuel Woolwine/ | Date Considered | 10/26/2009 |
| Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | |
|--|--------------------------------------|--------------------------|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449 Page 3 of 4, dated February 27, 2007 | Attorney Docket No. 045636-5083 | Serial No. 10/581,814 |
| | Applicants Patrice MARCHE, et al. | |
| | Filing Date June 5, 2006 | Group Unassigned |

U.S. PATENT DOCUMENTS

| *Examiner Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
|-------------------|-----------------|------|------|-------|-----------|-------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Document Number | Date | Country | Class | Sub Class | Translation | |
|-----------------|------|---------|-------|-----------|--------------------|----|
| | | | | | YES | NO |
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|--|
| 17. | LEE, A. I., et al.: "A Functional Analysis of the Spacer of V(D)J Recombination Signal Sequences", PLoS Biology, vol 1(1), pp 56-69, 2003 |
| 18. | MAUVIEUX, L., et al.: "T Early Alpha (TEA) Regulates Initial TCRVAJA Rearrangements and Leads to TCRJA Coincidence", The European Journal of Immunology, vol 31, pp 2080-2086, 2001 |
| 19. | McBLANE, F., et al.: "Stimulation of V(D)J recombination by Histone Acetylation", Current Biology, vol 10, pp 483-486, 2000 |
| 20. | McBLANE, J. F., et al.: "Cleavage at a V(D)J Recombination Signal Requires Only RAG1 and RAG2 Proteins and Occurs in Two Steps", Cell, vol 83, pp 387-395, 1995 |
| 21. | McMURRY, M. T., et al.: "A Role for Histone Acetylation in the Developmental Regulation of V(D)J Recombination", Science, vol 287, pp 495-498, 2000 |
| 22. | MOSTOSLAVSKY, R., et al.: "Chromatin Dynamics and Locus Accessibility in the Immune System", Nature Immunology, vol 4(7), pp 603-606, 2003 |
| 23. | PERNOLLET, M., et al.: Simultaneous Evaluation of Lymphocyte Subpopulations in the Liver and in Peripheral Blood Mononuclear Cells fo HCV-Infected Patients: Relationship With Histological Lesions", Clinical and Experimental Immunology, vol 130, pp 518-525, 2002 |
| 24. | SAITO, T., et al.: "Surface Expression of Only $\gamma\delta$ and/or $\alpha\beta$ T Cell Receptor Heterodimers by Cells With Four (α , β , γ , δ) Functional Receptor Chains", Journal of Experimental Medicine, vol 168, pp 1003-1020, 1988 |
| 25. | SPICUGLIA, S., et al.: "Promoter Activation by Enhancer-Dependent and -Independent Loading of Activator and Coactivator Complexes", Molecular Cell, vol 10, pp 1479-1487, 2002 |

| | | | |
|--|-------------------|-----------------|------------|
| Examiner | /Samuel Woolwine/ | Date Considered | 10/26/2009 |
| Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | |
|--|--------------------------------------|--------------------------|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449 Page 4 of 4, dated February 27, 2007 | Attorney Docket No. 045636-5083 | Serial No. 10/581,814 |
| | Applicants Patrice MARCHE, et al. | |
| | Filing Date June 5, 2006 | Group Unassigned |

U.S. PATENT DOCUMENTS

| *Examiner Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
|-------------------|-----------------|------|------|-------|-----------|-------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--|--------------------|------|---------|-------|--------------|--------------------|----|
| | | Document Number | Date | Country | Class | Sub Class | <u>Translation</u> | |
| | | | | | | | YES | NO |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|--|
| 26. | STRAHL, B. D., et al.: "The Language of Covalent Histone Modifications", Nature, vol 403, pp 41-45, 2000 |
| 27. | VAN GENT, D. C., et al.: "The RAG1 and RAG2 Proteins Establish the 12/23 Rule in V(D)J Recombination", Cell, vol 85, pp 107-113, 1996 |
| 28. | VON BOEHMER, H., et al.: "Pleiotropic Changes Controlled by the Pre-T-Cell Receptor", Current Opinion in Immunology, vol 11, pp 135-142, 1999 |
| 29. | VILLEY, I., et al.: "Defect in Rearrangement of the Most 5' TCR-J α Following Targeted Deletion of T Early α (TEA): Implications for TCR α Locus Accessibility", Immunity, vol 5, pp 331-342, 1996 |
| 30. | WANG, F., et al.: "Rapid Deletion of Rearranged T Cell Antigen Receptor (TCR) V α -J α Segment by Secondary Rearrangement in the Thymus: Role of Continuous Rearrangement of TCR α Chain Gene and Positive Selection in the T Cell Repertoire Formation", Proceedings of the National Academy of Sciences of the United States of America, vol 95, pp 11834-11839, 1998 |

| | | | |
|--|-------------------|-----------------|------------|
| Examiner | /Samuel Woolwine/ | Date Considered | 10/26/2009 |
| Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |